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United States Department of Agriculture,

BUREAU OF ANIMAL INDUSTRY.

A. D. MELVIN, Chief of Bureau.

SERVICE ANNOUNCEMENTS.

WASHINGTON, D. C., JUNE 15, 1907.

This publication is designed to disseminate information and instructions to persons in the service of the Bureau of Animal Industry. A supply will be sent to each official in charge of a station or branch of the service, who should promptly distribute copies to all members of his force. A file should be kept at each station for reference.

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SERVICE CHANGES IN MAY, 1907.

Appointed.

Anthony, George A., meat inspector, Newark, N. J.
Bailey, Miss Alice Tillie, charwoman (temporary), Washington, D. C.
Bentley, Charles A., agent in scabies eradication, Bismarck, N. Dak.
Blair, J. N., agent in scabies eradication, Salt Lake City, Utah.
Bidegaray, D., agent in scabies eradication, Salt Lake City, Utah.
Blemer, C. P., agent in scabies eradication, Salt Lake City, Utah.
Boyd, M. D., agent in tick eradication, Nashville, Tenn.
Brockhoff, Frederick, meat inspector, New York, N. Y.
Byron, William J., meat inspector, Newark, N. J.
Carlock, L. H., agent in tick eradication, Nashville, Tenn.
Chambers, Leroy M., agent in scabies eradication, Albuquerque, N. Mex.
Coates, Frank, agent in scabies eradication, Pendleton, Oreg.
Compton, Carson, agent in scabies eradication, Salt Lake City, Utah.
Connors, John J., meat inspector, Milwaukee, Wis.
Cookman, Charles L., carpenter (temporary), Washington, D. C.
Craigie, Francis L., clerk-typewriter, Boston, Mass.
Clossby, Frank, tagger, Evansville, Ind.
Daly, John, J., meat inspector, New York, N. Y.
Dasbock, Harry A., meat inspector, Paterson, N. J.
Davis, Benjamin, F., veterinary inspector (temporary), South Omaha, Nebr.
Dox, Arthur W., assistant dairyman, Storrs, Conn.
Dunn, Charles W., veterinary inspector, Chicago, Ill.

Elliott, John A., veterinary inspector, Milwaukee, Wis.
 Fanning, J. H., agent in tick eradication, Nashville, Tenn.
 Featherston, Oscar A., clerk, Nashville, Tenn.
 Fogarty, John P., clerk-typewriter, Bethesda, Md.
 Fortune, John J., meat inspector, New York, N. Y.
 Frady, J. E., agent in tick eradication, Atlanta, Ga.
 Fritsch, Fred. J., meat inspector, National Stock Yards, Ill.
 Gaines, John L., agent in tick eradication, Atlanta, Ga.
 Galbreath, Charles H., meat inspector, Jersey City, N. J.
 Galt, Sid., veterinary inspector (temporary), Fort Worth, Tex.
 Gianella, T. A., agent in scabies eradication, Salt Lake City, Utah.
 Ginn, J. H., agent in scabies eradication, Salt Lake City, Utah.
 Graebner, George S., meat inspector, Pittsburg, Pa.
 Griffin, John C., scientific assistant in animal pathology, Washington, D. C.
 Grimm, Chas. H., meat inspector, New York, N. Y.
 Grimshaw, T. M., agent in scabies eradication, Salt Lake City, Utah.
 Hampton, John M., agent in tick eradication, Nashville, Tenn.
 Hanlon, Barney O., meat inspector, Cincinnati, Ohio.
 Hedley, Clarke, veterinary inspector (temporary), Chicago, Ill.
 Henry, James T., agent in tick eradication, Nashville, Tenn.
 Herbert, George F., carpenter (temporary), Washington, D. C.
 Herring, L. J., agent in tick eradication, Lynchburg, Va.
 Hill, Perry R., tagger, Quincy, Ill.
 Hill, Perry R., tagger, Quincy, Ill.
 Jensen, Carl R., meat inspector, Brooklyn, N. Y.
 Jerome, Charles A., veterinary inspector, National Stock Yards, Ill.
 Johnson, J. D., agent in tick eradication, Nashville, Tenn.
 Johnstone, S. A., agent in scabies eradication, Salt Lake City, Utah.
 Jones, A. C., agent in tick eradication, Lynchburg, Va.
 Jump, W. Ashby, messenger boy, Washington, D. C.
 Kell, O. T., agent in tick eradication, Nashville, Tenn.
 Koonce, La Fayette F., agent in tick eradication, Lynchburg, Va.
 Korfhagen, Harry J., veterinary inspector (temporary), Chicago, Ill.
 Larimore, Bruce L., meat inspector, Savannah, Ga.
 Lewis, George R., meat inspector, New York, N. Y.
 Logan, James, agent in scabies eradication, Bismarck, N. Dak.
 Lynch, Thomas S., meat inspector, New York, N. Y.
 Lynn, John, meat inspector, South Omaha, Nebr.
 Mansfield, Chas. M., veterinary inspector (temporary), Baltimore, Md.
 Martin, Tilden J., tagger, Chicago, Ill.
 Maxwell, Walter C., tagger, National Stock Yards, Ill.
 McCarthy, Edwin J., tagger, Jersey City, N. J.
 McClain, William, tagger, Atlanta, Ga.
 McCollum, Peter L., veterinary inspector, Buffalo, N. Y.
 McMullen, R. H., veterinary inspector (temporary), Chicago, Ill.
 Miller, Edward J., meat inspector, Washington, D. C.
 Miller, Oscar V., tagger, Chicago, Ill.
 Minard, George S., meat inspector, Philadelphia, Pa.
 Moore, James M., meat inspector, New York, N. Y.
 Murray, Louis C., meat inspector, Chicago, Ill.
 Neilson, Charles W. C., cabinetmaker, Washington, D. C.
 Overton, J. E., agent in tick eradication, Lynchburg, Va.
 Pelsue, Owen E., agent in scabies eradication, Denver, Colo.
 Phillips, Mrs. Ella M., clerk, Washington, D. C.

Pigott, William, tagger, New York, N. Y.
 Pinkstone, Theodore, agent in tick eradication, Nashville, Tenn.
 Porter, W. S., expert in tick eradication, Petersburg, Tenn.
 Potrykus, Joseph, meat inspector, National Stock Yards, Ill.
 Price, Harry N., clerk, Washington, D. C.
 Purcell, John T., veterinary inspector, Chicago, Ill.
 Reagle, George L., tagger, New York, N. Y.
 Reasner, William F., veterinary inspector, Chicago, Ill.
 Renter, Walter W., veterinary inspector, Chicago, Ill.
 Robinson, Chas. I., agent in scabies eradication, Atlanta, Ga.
 Rogers, Patrick J., meat inspector, Milwaukee, Wis.
 Rothermel, Robert O., veterinary inspector (reappointment), Philadelphia, Pa.
 Rozell, William O., veterinary inspector, South St. Joseph, Mo.
 Salmon, Michael F., meat inspector, Jersey City, N. J.
 Schaub, Emil C., meat inspector, Baltimore, Md.
 Seitz, Elmer E., veterinary inspector, Allentown, Pa.
 Seymour, C. H., agent in tick eradication, Lynchburg, Va.
 Smith, Cyrus R., agent in scabies eradication, Kansas City, Kans.
 Snyder, Bliss, tagger, Cincinnati, Ohio.
 Snyder, William J., tagger, New York, N. Y.
 Spalding, Edward B., meat inspector, Chicago, Ill.
 Schloemer, August, veterinary inspector, Chicago, Ill.
 Spoon, Jesse P., agent in tick eradication, Lynchburg, Va.
 Swisher, Frank, P., meat inspector, South Omaha, Nebr.
 Taylor, Joseph, agent in scabies eradication, Salt Lake City, Utah.
 Teeple, George R., veterinary inspector, Denver, Colo.
 Tiffany, J. B., veterinary inspector, Kansas City, Kans.
 Tracy, John M., meat inspector, Cincinnati, Ohio.
 Treloar, Delbert C., veterinary inspector, Chicago, Ill.
 Turlington, John E., agent in tick eradication, Lynchburg, Va.
 Wake, Arthur R., veterinary inspector (temporary), New York, N. Y.
 Walkley, Seymour J., veterinary inspector (reappointment), National Stock Yards, Ill.
 Wasson, S. B., agent in tick eradication, Nashville, Tenn.
 Whalin, Charles V., meat inspector, South Omaha, Nebr.
 Williams, J. T., agent in tick eradication, Nashville, Tenn.
 Wood, E. P., agent in tick eradication, Lynchburg, Va.
 Wright, T. M., agent in tick eradication, Atlanta, Ga.

Reinstated.

Burwell, William, tagger, South Omaha, Nebr.
 Cracroft, T. Byron, veterinary inspector, New Orleans, La.
 Woolen, James E., tagger, South Omaha, Nebr.

Promoted.

Archer, Rollie J., stock examiner, Pendleton, Oreg.
 Baldwin, Henry B., clerk, stenographer, and typewriter, Boston, Mass.
 Beach, Mrs. Freddie, charwoman, Washington, D. C.
 Botteron, Franklin A., stock examiner, Lafayette, Ind.
 Bray, Stephen, tagger, Kansas City, Kans.
 Cathel, George T., stock examiner, Kansas City, Kans.
 Croft, Victor F., tagger, Kansas City, Kans.
 Fryhofer, Charles W., scientific assistant in dairying, Washington, D. C.

Gibbs, W. H., inspector, South Omaha, Nebr.
 Grable, Hiram, skilled laborer, Chicago, Ill.
 Hansen, Thomas, stock examiner, Chicago, Ill.
 Harper, Edwin A., stock examiner, Chicago, Ill.
 Harrington, Charles F., stock examiner, Sioux City, Iowa.
 Herlinger, Frank H., stock examiner, Denver, Colo.
 Jones, Fred B., patrol tagger, Louisville, Ky.
 Lauck, Edward C., clerk, National Stock Yards, Ill.
 Le Flohic, George, clerk, Washington, D. C.
 Lentz, Edward S., tagger, Nashville, Tenn.
 Little, Elbert W., veterinary inspector, Chicago, Ill.
 Marshall, Henry, veterinary inspector, Lynchburg, Va.
 Newlove, Harry S., clerk, Denver, Colo.
 Reber, Abram N., veterinary inspector, Kansas City, Kans.
 West, Albert M., assistant in biochemistry, Washington, D. C.
 Zimmerman, James A., stock examiner, South St. Joseph, Mo.

Resigned.

Black, Ralph Victor, clerk, Boston, Mass.
 Brütt, Herman M., meat inspector, Chicago, Ill.
 Feucht, Christian, meat inspector, Tacoma, Wash.
 Hansen, Ingild, veterinary inspector, Fort Worth, Tex.
 Harris, Reuben H., tagger, Jersey City, N. J.
 Heiberger, Alonzo F., meat inspector, Brooklyn, N. Y.
 Hill, Perry R., tagger, Quincy, Ill.
 Hughes, Mearl W., veterinary inspector, St. Louis, Mo.
 Lyle, Hayes S., tagger, South Omaha, Nebr.
 Martin, Robert M., veterinary inspector (temporary), Nashville, Tenn.
 Matteson, Seth A., meat inspector, National Stock Yards, Ill.
 Merry, Albert E., veterinary inspector, Chicago, Ill.
 Morton, George E., expert in animal husbandry, Washington, D. C.
 Slagle, Marvin C., tagger, Cincinnati, Ohio.
 Sergeant, Harry C., meat inspector, Cincinnati, Ohio.
 Snyder, Eugene J., jr., veterinary inspector, Kansas City, Kans.
 Thomason, Hugh, veterinary inspector (temporary), Nashville, Tenn.
 Tregay, William, meat inspector, Philadelphia, Pa.
 Turner, Thomas J., veterinary inspector, Kansas City, Kans.
 Valaer, Peter, jr., expert assistant in analytic chemistry, Washington, D. C.
 Washburn, Walter E., meat inspector, New York, N. Y.
 Williams, Willam E., tagger, Jersey City, N. J.

Transferred within the Bureau Service.

Andress, William R., veterinary inspector, Nashville, Tenn., to National Stock Yards, Ill.
 Bailey, Isaiah H., meat inspector, Seattle, Wash., to Chicago, Ill.
 Benson, Robert, meat inspector, Chicago, Ill., to South Omaha, Nebr.
 Breakey, James J., meat inspector, Portland, Oreg., to Seattle, Wash.
 Campbell, Charles M., meat inspector, Pittsburg, Kans., to St. Louis, Mo.
 Cooper, William L., clerk, Kansas City, Kans., to Louisville, Ky.
 Crumbaugh, Lawrence W., meat inspector, Coffeyville, Kans., to South Omaha, Nebr.
 Dixon, Frank J., meat inspector, Fort Atkinson, Wis., to Chicago, Ill.

- Doak, H. T., veterinary inspector, South Omaha, Nebr., to St. Louis, Mo.
 Eagle, William W., veterinary inspector, Pittsburg, Kans., to Kansas City, Kans.
 Esslinger, Ernest F. G., meat inspector, South Omaha, Nebr., to South St. Paul, Minn.
 Ferguson, Richard B., meat inspector, New Orleans, La., to South Omaha, Nebr.
 Gallagher, Francis L., veterinary inspector, Chicago, Ill., to Albuquerque, N. Mex.
 Gibson, Francis M., tagger, National Stock Yards, Ill., to South Omaha, Nebr.
 Helm, John G., veterinary inspector, Paterson, N. J., to Philadelphia, Pa.
 Hervey, William E., meat inspector, Austin, Minn., to Chicago, Ill.
 Huntsberger, Samuel E., veterinary inspector, Chicago, Ill., to Nashville, Tenn.
 Keleher, Timothy F., tagger, Pittsburg, Kans., to South St. Joseph, Mo.
 Lamborn, George E., agent in scabies eradication, Salt Lake City, Utah, to Albuquerque, N. Mex.
 Lash, Elmer, veterinary inspector, South Omaha, Nebr., to Kansas City, Kans.
 McCarthy, Thomas A., veterinary inspector, Milwaukee, Wis., to Albuquerque, N. Mex.
 Macdonald, Burt R., meat inspector, South Omaha, Nebr., to Austin, Minn.
 McDonough, James E., meat inspector, Providence, R. I., to Newport, Ohio.
 Miller, Samuel M., clerk, Washington, D. C., to Kansas City, Kans.
 Mohr, Joseph, meat inspector, Kansas City, Kans., to South St. Joseph, Mo.
 Murphy, James H., meat inspector, Paris, Ill., to Chicago, Ill.
 Nelson, Swen, agent in scabies eradication, Salt Lake City, Utah, to Albuquerque, N. Mex.
 Newton, Thomas Edward, meat inspector, South St. Paul, Minn., to South Omaha, Nebr.
 Oldaker, Emery E., veterinary inspector, Chicago, Ill., to Albuquerque, N. Mex.
 Phillips, Oscar, tagger, South Omaha, Nebr., to National Stock Yards, Ill.
 Ryan, Stephen D., meat inspector, Dubuque, Iowa, to South Omaha, Nebr.
 Sartor, Scott, meat inspector, Terre Haute, Ind., to Indianapolis, Ind.
 Scott, Preston B., veterinary inspector, National Stock Yards, Ill., to Nashville, Tenn.
 Shiells, Hugh, meat inspector, Chicago, Ill., to New York, N. Y.
 Snider, Charles H. P., meat inspector, Dover, Del., to Philadelphia, Pa.
 Sweet, James, meat inspector, Pittsburg, Pa., to Chicago, Ill.
 Thompson, James K., meat inspector, Ottumwa, Iowa, to Jersey City, N. J.
 Tiffany, J. B., veterinary inspector, Kansas City, Kans., to Albuquerque, N. Mex.
 Trees, Oliver P., tagger, Oklahoma City, Okla., to Kansas City, Kans.
 Vance, Arthur, agent in scabies eradication, Salt Lake City, Utah, to Albuquerque, N. Mex.
 Watson, Michael F., meat inspector, Portland, Oreg., to San Francisco, Cal.
 Yager, Eddie P., veterinary inspector, Richmond, Va., to Lynchburg, Va.

Separations.

- Bailey, William S., meat inspector, Washington, D. C.
 Barrett, J. H., expert in dairying, Washington, D. C.
 Burnes, James M., meat inspector (died), St. Louis, Mo.
 Carey, Harry B., veterinary inspector (temporary), National Stock Yards, Ill.
 Cowan, Clarence W., tagger, Chicago, Ill.
 Curtis, Charles A., agent in scabies eradication, Kansas City, Kans.
 Fry, David W. S., agent in tick eradication, Atlanta, Ga.
 Grapp, G. H., veterinary inspector (temporary), Chicago, Ill.
 Grines, Charles H., meat inspector, New York, N. Y.
 Groh, William, expert assistant in meat inspection, Chicago, Ill.
 Hampton, Willard, agent in scabies eradication, Kansas City, Kans.

Hurley, Andrew J., tagger, National Stock Yards, Ill.
 Keitt, Thomas E., assistant chemist, Washington, D. C.
 Kruse, Frederick A., veterinary inspector, Chicago, Ill.
 Lee, Walker N., agent in scabies eradication, Kansas City, Kans.
 McBride, Richard A., expert in dairying, New York, N. Y.
 McCosh, Samuel, meat inspector, New York, N. Y.
 Mahoney, Thomas K., tagger, New York, N. Y.
 Neilson, Charles W. C., cabinetmaker, Washington, D. C. (transferred to Bureau of Plant Industry).
 Norris, Edward T., tagger, New York, N. Y.
 Pinkham, Charles F., agent in scabies eradication, Kansas City, Kans.
 Porter, W. S., expert in scabies eradication, Petersburg, Tenn.
 Rosenfelt, Allen, agent in scabies eradication, Kansas City, Kans.
 Sammis, John L., expert in dairying, Washington, D. C.
 Sneve, Severin C. N., tagger, Seattle, Wash.
 Snowden, John M., meat inspector, South Omaha, Nebr.
 Thomas, Reginald, veterinary inspector (died), Duluth, Minn.
 Venn, James L., tagger, South Omaha, Nebr.
 Weston, James, meat inspector, San Francisco, Cal.
 Wright, George W., meat inspector, Dayton, Ohio.

Dismissed.

Watson, James, tagger, National Stock Yards, Ill.

CHANGES IN MEAT-INSPECTION DIRECTORY.

Since the issuance of the meat-inspection directory of May 6, 1907, inspection has been inaugurated at the following establishments:

No. 2K. Armour & Co., 912-925 Noble street, Philadelphia, Pa., Dr. C. A. Schaulfer, inspector in charge.

No. 3M. Swift & Co., 217-219 South Kansas street, El Paso, Tex., Dr. Thomas A. Bray, inspector in charge.

No. *10. Denison Bros., 36 Pleasant street, Claremont, N. H., Dr. M. H. Davitt, inspector in charge.

No. 28A. Cudahy Bros. Co., 262 Jackson street, Milwaukee, Wis., Dr. A. D. Bullock, inspector in charge.

No. 43. Burkholder Bros., Palmyra, Pa., Dr. D. C. Burnett, inspector in charge.

No. 44. Potter & Wrightington, 31 New street, Boston, Mass., Dr. J. F. Ryder, inspector in charge.

No. *45. B. Schloss & Brother, Avenue C and Astor street, Newark, N. J., Dr. A. F. Martins, inspector in charge.

No. *48. Axley Cold Storage Market, Arkansas City, Kans., Dr. R. W. Tuck, inspector in charge.

No. 49. William Goldstein Sausage Co., 711-713 North Seventh street, St. Louis, Mo., Dr. J. J. Brougham, inspector in charge.

No. 549. The Moses Strauss Co., 94 Gansevoort street, New York, N. Y., Dr. U. G. Houck, inspector in charge.

Inspection has been discontinued at the following establishments:

No. 332. W. P. Gettys & Son Provision Co., 113 North Main street, St. Louis, Mo.

No. 337. Charles A. Sweet Provision Co., 401 North Second street, St. Louis, Mo.

No. *378. C. A. Davis, 8 Batchelder street, Haverhill, Mass.

No. 419. John S. Sills & Sons, 610 West Thirty-seventh street, New York, N. Y.

No. 425. Charles Reinbolt, 196 Leonard street, Brooklyn, N. Y.

No. 428. Central Lard Co., Seventeenth and Coles streets, Jersey City, N. J.

No. 448. George Herold, 2161 Second avenue, New York, N. Y.

- No. 528. Langton & Garneau, 421 S. Seventh street, St. Louis, Mo.
 No. 664. Moses Selig & Brother, 60 Amsterdam avenue, New York, N. Y.
 No. 692. S. O. Hogg, 1 Henry street, Binghamton, N. Y.
 No. 746. James McKee Sausage Manufacturing Co., 312-314 Broad street, Providence, R. I.

INSTRUCTIONS CONCERNING MEAT INSPECTION.

Exemption from Inspection.

The regulations governing the meat inspection of the United States Department of Agriculture now provide that meats and meat food products of animals slaughtered by any farmer on the farm may be received by common carriers for interstate transportation as long as the products are identified as such and when they are covered by shippers' certificates in the form set out in Regulation 56. The Department does not designate how meats and meat food products offered for shipment under this regulation shall be marked for identification.

If, in view of the above, exemption from inspection is not required in the conduct of the business of any person to whom a certificate of exemption has heretofore been issued, the return of such certificate to this Bureau for cancellation is requested.

New Style Branding Stamp.

[No. 224.]

MAY 21, 1907.

To inspectors in charge of meat inspection:

The following supplies will be forwarded to you within the next few days:

A new style of rubber brand.

A covered branding box.

A quantity of quick-drying ink.

The rubber brand in connection with the quick-drying ink is intended to be used in the place of the gelatin labels. The use of labels after July 1 will likely be limited; therefore as far as practicable you will immediately cause the brands to take the place of the labels in order that the employees who mark carcasses and parts may become accustomed to the proper use of the brands and the new ink.

Experiments conducted with the quick-drying ink applied with the brand indicate that this method is quite as efficient as marking with the gelatin labels. However, the utmost care should be exercised in branding so that the best results may be obtained. It is important that blotters be used on the pads, and especial attention is directed to the necessity of not having them too wet, otherwise the brands will take up an excess of ink.

Since the evaporation of the ink from the pad is very rapid, it is necessary that the branding boxes be covered when not in use.

If there are extra branding boxes at your station, you will please forward them to the supply room of the Bureau at Washington, D. C., in order that covers may be affixed to them.

It is believed that the brand now being shipped is too small, and it is therefore probable that a larger brand will be substituted in the near future. This office will be pleased to receive suggestions concerning brands and branding, based upon personal investigations of the subject.

Anticipating the substitution, on July 1, 1907, of the rubber brands and ink for the gelatin label, you will, on the arrival of the supplies above mentioned, inform this office, on Form P1, of your needs, and the requisition will be filled as early as possible.

A. D. MELVIN, *Chief of Bureau.*

Use of Branding Stamps and Gelatin Labels for Marking Meat.

With reference to the foregoing (No. 224), the following additional instructions are given:

At establishments where *no hogs are killed*, the supply of gelatin labels should not be renewed after the ink and brands are received, but the use of the labels on hand should be continued until they are exhausted, and thereafter the ink and brands should be used exclusively.

At establishments where *hogs are killed*, the supply of labels on hand when the ink and brands are received should thereafter, until exhausted, be used exclusively for *marking pork loins*, and the ink and brands should be immediately put in use for all other purposes.

No requests should be made for gelatin labels after the receipt of the ink and brands, but those on hand at that time should be used as above indicated.

Marking of Cod and Kidney Fat.

Inspectors in charge of meat inspection are directed hereafter to require that the cod and kidney fat of beef be marked with the branding stamp. This marking should be done at the time the other parts of the carcass are branded, and is for the purpose of identifying the fat as "U. S. Inspected and Passed" after its removal from the carcass.

Examination of Cervical Glands of Hogs.

[No. 226.]

JUNE 4, 1907.

To inspectors in charge of meat inspection:

It has been ascertained that the cervical glands of shipper hogs are not examined at all stations. In future it will be necessary that the necks of all hog carcasses be cut so the cervical glands can be examined, and you will notify the managers of establishments accordingly.

A. D. MELVIN, *Chief of Bureau.*

Badges.

To inspectors in charge of meat inspection:

Each employee on your force should wear an official badge of this Bureau as required by Regulation 8 of B. A. I. Order No. 137. If any employee is now without this official identification, you should make request on this office for the necessary badge (giving the name and designation of the employee) and it will be furnished at once.

Veterinarians only are to be supplied with "Inspector" badges, while meat inspectors, taggers, and other nonprofessional employees are to be supplied with "Officer" badges.

When any member of your force severs his connection with this Bureau, you should secure his official badge and return it to this office. If you have in your possession any official badges that have been relinquished by persons who have left the service, please return them to this office immediately, and when new employees are appointed on your force you should at once make request for the necessary badges for their use.

E. B. JONES, *Chief Clerk of Bureau.*

Changes in Forms for Inspection Reports.

On and after July 1, 1907, I. D. Forms 103, 103A, 104, 105, 106, 106A, 107, 108, 109, 110, 111, 111A, 111B, 111C, 111D, 112A, 112C, 117, 117A, 117B, and 117C will be entirely dispensed with, and until further notice no other forms of the same numbers will be in use. In order to avoid their use in error, all supplies of these forms that are on hand at the close of June business should be collected and either destroyed or so stored that they may not become mixed with the then current forms.

I. D. Forms 110E, 112, 113, 114, 119, and 120 have been revised, and from and after July 1, 1907, only the revised forms, which will be distributed by that time, should be used. The supply of old forms of these numbers should be collected after the close of June business and either destroyed or so stored that they may not become mixed with the revised forms of the same numbers.

New I. D. Forms to be effective on and after July 1, 1907, have been prepared and will be distributed, namely, 110F, 113A, and 130. Note the following instructions concerning their use:

110F. This form will be used for reporting to the inspector in charge meat food products prepared under Department supervision that are not provided for on the other slips of the 110 series.

113 and 113A. A report from each establishment for each day should be sent to Washington on I. D. Form 113, except that when no work is done on Sunday a report for that day need not be sent provided a statement of that fact is made on Monday's report. I. D. Form 113 will be prepared from reports on I. D. Form 113A, which should be retained at stations. The latter is made on buff paper and is almost exactly like I. D. Form 113.

130. A report from each establishment for each day should be sent to Washington on this form, except that when no work is done on Sunday a report for that day need not be sent provided a statement of that fact is made on Monday's report. It will be prepared from reports made to the inspector in charge on I. D. Forms 109A, 109B, 110A, 110B, 110C, 110D, 110E, 110F, 114, 119, and 120, but these should be retained at stations, and I. D. Form 130 should have no inclosures.

Retained reports.—It will be noted that many reports heretofore mailed to the Washington office daily will, after July 1, be retained at station offices. These should all be carefully and systematically filed, so that they may be readily referred to when needed.

Reporting Post-mortem Lesions.

Some veterinary inspectors do not give sufficient information in their reports of final post-mortem examination of retained carcasses (I. D. Form 112D). For instance, when tuberculous hogs have been passed for lard, some reports show only the words "visceral lesions" under the heading "location and description of lesions." In other reports the location is given, as "cervical, bronchial, portal, and mesenteric lymph glands, liver and spleen," but the character and extent of the lesions are not specified. In these reports the organs, groups of lymph glands, or serous membranes affected should be named, and a brief statement of the character and extent of the lesions should be made.

New Form of Meat-Inspection Certificates.

New certificates are being prepared which will supersede those now in use as the supply of the latter becomes exhausted. The three parts are exactly alike, being $4\frac{3}{4}$ by $8\frac{1}{2}$ inches in size. Instead of being bound in books, as in the past, they are in loose sheets and put up in boxes of 100 each. The triplicates of all certificates issued

during a calendar month should be mailed to the Washington office at the close of the month. The number and kind of packages and the description of the product covered by a certificate, which have heretofore been written into the body of the certificate, will, on the new form, be written in the marginal space headed "Description and marks." The clerks or others who write certificates are urged to remember this, in order that a proper description of the product covered may not be omitted.

APPROVED DIPS.

To inspectors in charge:

The following-named substances have been approved by the Department for use in the official dipping of sheep and cattle for scabies:

"*Rex Lime and Sulphur Solution*," a lime-and-sulphur dip, manufactured by the Rex Company, Omaha, Nebr. Dilution permitted, 1 gallon of Rex Lime and Sulphur Solution to 13 gallons of water.

"*Derby Nicotine Solution*," a tobacco extract intended for use in preparing a tobacco-and-sulphur dip, manufactured by the Atlantic Refining Company, Cleveland, Ohio. Dilutions permitted: To make a solution containing 0.07 per cent of nicotine, use 1 pound of Derby Nicotine Solution to 75 gallons of water. To make a solution containing 0.05 per cent of nicotine, use 1 pound of Derby Nicotine Solution to 100 gallons of water.

"*Skabeura Nicotine Solution*," a tobacco extract intended for use in preparing a tobacco-and-sulphur dip, manufactured by the Nicotine Manufacturing Company, St. Louis, Mo. Dilutions permitted: To make a solution containing 0.07 per cent of nicotine, use 1 pound of Skabeura Nicotine Solution to 75 gallons of water. To make a solution containing 0.05 per cent of nicotine, use 1 pound of Skabeura to 100 gallons of water.

The following-named substances have been approved by the Department for use in official dipping of sheep:

"*Black Leaf Tobacco Extract*," a tobacco extract, intended for use in preparing a tobacco-and-sulphur dip; manufactured by the Kentucky Tobacco Product Company, Louisville, Ky. Dilutions permitted: To make a solution containing 0.07 per cent of nicotine, 1 gallon of Black Leaf Tobacco Extract to 50 gallons of water. To make a solution containing 0.05 per cent of nicotine, 1 gallon of Black Leaf Tobacco Extract to 70 gallons of water.

"*Cooper's Fluid Dip*," a cresol dip, manufactured by William Cooper & Nephews, Chicago, Ill. Dilution permitted, 1 gallon of Cooper's Fluid Dip to 120 gallons of water.

"*Chloro-Naptholeum*," a coal-tar creosote dip, manufactured by the West Disinfecting Company, New York, N. Y. Maximum dilution permitted, 1 gallon of Chloro-Naptholeum to 50 gallons of water. Minimum dilution permitted, 1 gallon of Chloro-Naptholeum to 12½ gallons of water.

"*Standard Stock Dip*," a coal-tar creosote dip, manufactured by Standard Stock Food Company, Omaha, Nebr. Maximum dilution permitted, 1 gallon of Standard Stock Dip to 50 gallons of water.

"*Chloroleum*," a coal-tar creosote dip, manufactured by American Antiseptic Company, Denver, Colo. Maximum dilution permitted, 1 gallon of Chloroleum to 63 gallons of water.

Inspectors will not permit the use in official dipping of packages of these dips which are not labeled in accordance with the above specifications, nor will they permit the use in official dipping of any proprietary dip which does not bear the guaranty required of manufacturers by paragraph 3, section (d), of Regulation 33, B. A. I. Order 143, or which in any manner violates the provisions of said Regulation 33.

A. D. MELVIN, *Chief of Bureau.*

FAVORITISM IN METHODS OF TREATING LIVE STOCK FORBIDDEN.

Bureau employees have been frequently warned against recommending any particular brand of dip or favoring in any way enterprises relating to the treatment of live stock for scabies or other contagious diseases with which the Bureau has to deal. Despite these warnings, complaints are made that in some localities certain dips, equipment, or methods of treatment are recommended. While the Bureau is loath to believe that any of its employees would be guilty of so gross an impropriety, the matter is again emphasized, and all are hereby instructed that the owners of live stock should select for themselves the method of treatment, as well as the equipment and materials to be used, so long as they conform to the regulations of the Department.

INSPECTION OF BUCKS FOR SCABIES.

Owing to the danger of scabies infection being carried by bucks and transmitted to ewes during the breeding season, Bureau inspectors are advised not to issue a certificate or express an opinion as to their being free from disease until each buck has been examined on the belly as well as on the back. This can be done by setting the animal up on his rump, or having assistants do so, and then making a careful inspection of the brisket, belly, and scrotum for evidences of scabies. While this manner of inspecting bucks may be somewhat tedious, in view of the numerous cases of scab found on the underside of bucks rather than on their backs, the time and trouble will be well expended.

INSPECTION AND MALLEIN TESTING OF HORSES FOR CANADA.

In order to carry out the inspection and mallein testing of horses for exportation to Canada, in compliance with the requirements of section 33b of the Canadian regulations relating to animals' quarantine, 1907, it has been deemed advisable to have a few practicing veterinarians favorably located in a number of the horse-raising States register with the Bureau. The necessary mallein and certificate blanks will be supplied by the Bureau. The number of veterinarians registered in each State is limited to the actual needs of the work in that State. Only Bureau veterinarians and veterinarians registered with the Bureau are authorized to make mallein tests of horses for exportation to Canada. When a test is made by a registered veterinarian it will be necessary for the certificate of that veterinarian to be indorsed by a Bureau veterinary inspector before it will be recognized by the Canadian authorities.

The following list shows the veterinarians who are authorized to make such tests and certificates and to whom applications for testing may be made:

List of registered practicing veterinarians and Bureau veterinarians authorized to issue registration certificates.

IOWA.

Practicing veterinarians registered with the Bureau and authorized to test horses with mallein for shipment to Canada.

Dr. John H. McNeil, Ames.
Dr. P. O. Koto, State veterinarian, Forest City.
Dr. George W. Blanche, Belle Plaine.
Dr. S. H. Kingery, Creston.
Dr. L. U. Shipley, Sheldon.
Dr. A. L. Wood, Hampton.
Dr. W. E. Sharp, Newton.
Dr. S. K. Hazlet, Oelwein.

Veterinary inspectors of the Bureau who are authorized to make the mallein test or to indorse certificates of registered veterinarians.

Dr. F. T. Suit, care Boeck & Co., Burlington.
Dr. E. K. Ward, care Henry Kohrs Packing Co., Davenport.
Dr. W. C. Bower, care Dubuque Packing Co., Dubuque.
Dr. J. G. Hope, care Chas. Wismath & Son Packing Co., Fort Madison.
Dr. George D. Painter, care Brittain & Co., Marshalltown.
Dr. Robert Jay, care Jacob E. Decker & Sons, Mason City.
Dr. Joshua Miller, care John Morrell & Co., Ottumwa.
Dr. G. A. Johnson, Exchange Building, Sioux City.
Dr. T. A. Shipley, care T. M. Sinclair & Co., Cedar Rapids.
Dr. T. W. Scott, care Rath Packing Co., Waterloo.
Dr. Chester Miller, care The Agar Packing Co., Des Moines.

List of registered practicing veterinarians and Bureau veterinarians authorized to issue registration certificates—Continued.

INDIANA.

Practicing veterinarians registered with the Bureau and authorized to test horses with mallein for shipment to Canada.	Veterinary inspectors of the Bureau who are authorized to make the mallein test or to indorse certificates of registered veterinarians.
Dr. G. H. Roberts, Indianapolis. Dr. Robert A. Craig, Lafayette.	Dr. L. A. Licking, care W. C. Routh, Logansport. Dr. Louis Metsker, care The Evansville Packing Co., Evansville. Dr. O. W. Snyder, care Fred Eckart Packing Co., Fort Wayne. Dr. N. C. Sorensen, care Kingan & Co., Indianapolis. Dr. C. O. Wagoner, care Richmond Abattoir Co., Richmond. Dr. J. B. Hollenbeck, care Pearl Packing Co., Madison. Dr. J. E. Cloud, care Kern Packing Co., Lafayette.

OHIO.

Dr. Paul Fischer, State veterinarian, Columbus. Dr. M. B. Lamb, Columbus. Dr. C. H. Case, Akron. Dr. J. F. Planz, Akron. Dr. F. F. Sheets, Van Wert. Dr. W. R. Howe, Dayton. Dr. E. J. Johnston, Piqua. Dr. L. D. Whitwood, Jefferson. Dr. E. R. Stockwell, Mechanicsburg.	Dr. L. P. Beechy, care Columbus Packing Co., Columbus. Dr. S. W. Burt, care Zehner Bros. Packing Co., Toledo. Dr. H. M. Newton, care George Rupp & Co., Hamilton. Dr. G. E. Repp, care Henry Burkhardt Packing Co., Dayton. Dr. E. P. Schaffter, 743 Society for Savings Building, Cleveland. Dr. E. L. Bertram, care Union Stock Yards, Cincinnati.
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MINNESOTA.

Dr. C. E. Cotton, State veterinarian, Minneapolis. Dr. R. J. Coffeen, South St. Paul. Dr. M. J. Sexton, Minneapolis. Dr. M. S. Whitcomb, St. Paul. Dr. D. M. McDonald, Minneapolis. Dr. J. T. Kennedy, St. Paul. Dr. S. H. Ward, St. Paul. Dr. Jared Burton, Wheaton.	Dr. M. O. Anderson, care George A. Hormel & Co., Austin. Dr. H. H. Dell, care Macbeth & Gardner, Mankato. Dr. F. D. Ketchum, South St. Paul. Dr. R. Thomas, care Elliott & Co., Duluth. Dr. A. C. Walls, care Fergus Packing Co., Fergus Falls.
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ILLINOIS.

Dr. E. N. Nettleton, Chicago. Dr. J. K. Jameson, Chicago. Dr. M. A. Hollingsworth, Rock Island. Dr. C. M. Weese, Aurora.	Dr. O. G. Atherton, care Continental Packing Co., Bloomington. Dr. S. E. Bennett, 316 Exchange Building, Union Stock Yards, Chicago. Dr. J. B. Clancy, National Stock Yards. Dr. C. M. Day, care Illinois Packing Co., Alton. Dr. D. R. Gillies, care Jacksonville Packing Co., Jacksonville. Dr. A. A. Holcombe, Aurora. Dr. J. S. Kelly, care Blomer & Michael, Quincy. Dr. A. E. Luks, care Joseph Steidl & Sons, Paris. Dr. J. B. Reidy, care E. Bucher Packing Co., Cairo.
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WISCONSIN.

Dr. D. Roberts, State veterinarian, Waukesha. Dr. D. B. Clark, Madison. Dr. A. L. Haggerty, Waukesha. Dr. B. F. Holmes, La Crosse.	Dr. Wm. Fotheringham, care Drummoud Bros., Eau Claire. Dr. George Jerome, care C. Stoppenbach's Sons, Jefferson. Dr. Henry Roomer, care Langdon & Boyd Packing Co., La Crosse. Dr. A. D. Bullock, room 432 Federal Building, Milwaukee.
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MONTANA.

Dr. A. H. Cheney, Anaconda. Dr. R. A. Dennis, Billings. Dr. F. A. Gibbs, Butte. Dr. A. D. Knowles, Livingston. Dr. C. F. Leslie, Kalispell. Dr. John A. Madden, Bozeman. Dr. E. D. Nash, Helena. Dr. Lee A. Wilson, Missoula.	Dr. Thomas White, care P. B. Merrell Co., Billings. Dr. E. T. Davison, Helena. Dr. J. A. Stauffer, Havre. Dr. L. A. Nutting, Great Falls. Dr. W. J. Butler, Glendive. Dr. N. B. Smith, Billings. Dr. E. J. Cary, Billings. Dr. M. E. Knowles, Helena.
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List of registered practicing veterinarians and Bureau veterinarians authorized to issue registration certificates—Continued.

MISSOURI.

Practicing veterinarians registered with the Bureau and authorized to test horses with mallein for shipment to Canada.	Veterinary inspectors of the Bureau who are authorized to make the mallein test or to indorse certificates of registered veterinarians.
Dr. F. F. Brown, Kansas City. Dr. Robert C. Moore, Kansas City. Dr. Seseo Stewart, Kansas City. Dr. Arthur Trickett, Kansas City.	Dr. L. R. Baker, room 332 Live Stock Exchange, Kansas City, Kans. Dr. J. J. Brougham, care Independent Stock Yards, St. Louis. Dr. H. H. George, South St. Joseph. Dr. J. B. Williams, South St. Joseph.

NEBRASKA.

Dr. A. T. Everett, South Omaha.	Dr. Don C. Ayer, Post-Office Building, South Omaha. Dr. G. T. Irons, care Morton-Gregson Co., Nebraska City.
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WASHINGTON.

Dr. Oscar Hartnagel, Seattle. Dr. Otto Menig, Seattle.	Dr. C. W. Deming, care E. H. Stanton Co., Spokane. Dr. O. B. Hess, care Frye & Bruhn (Incorporated), Seattle. Dr. M. S. Lantz, care Carstens Packing Co., Tacoma. Dr. Logan B. Huff, Spokane.
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OREGON.

Dr. J. M. Creamer, Portland. Dr. Wm. H. Lytle, Pendleton.	Dr. E. C. Joss, room 402 Custom-House, Portland. Dr. S. W. McClure, Pendleton. Dr. E. N. Hutchinson, Portland.
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NORTH DAKOTA.

Dr. E. J. Davidson, Grand Forks. Dr. J. W. Dunham, Fargo. Dr. A. F. Elliott, Milton. Dr. W. H. Hopkins, Minot. Dr. D. D. McNaughton, Devils Lake. Dr. C. H. Martin, Valley City. Dr. J. W. Robinson, Coal Harbor. Dr. S. P. Smith, Cando. Dr. A. A. Walker, Casselton. Dr. F. W. Weston, Dickinson. Dr. E. J. Walsh, Willow City.	Dr. R. H. Treacy, Bismarck. Dr. S. E. Cosford, Jamestown. Dr. W. F. Crewe, Devils Lake.
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DISTRICT OF COLUMBIA.

Dr. J. S. Bulkley, Bureau of Animal Industry, Washington. Dr. George H. Hart, Bureau of Animal Industry, Washington. Dr. B. T. Woodward, Bureau of Animal Industry, Washington.

INFORMATION DESIRED REGARDING TUBERCULOUS HOGS.

The serious losses which are caused annually by tuberculosis in hogs have led the Bureau to undertake a series of investigations in an attempt to discover the sources of the disease in these animals and the manner of its transmission from one animal to another. After these facts have been determined it will be possible to act more intelligently in adopting methods for eradicating the scourge from the farm.

Many of the inspectors of the Bureau have kept records of the cases of tuberculosis coming under their observation—of the methods of infection, the location of the lesions, their relative frequency and unusual manifestations, etc.—and it will assist materially in the preparation of a forthcoming bulletin if they will forward such data to the Washington office for compilation. Due credit will be given in the bulletin to each one sending records of which use is made.

REPORTING CASES OF GID IN SHEEP.

In order that information may be available concerning the prevalence and distribution in the United States of the disease known as gid, which especially affects sheep and is due to the presence of a tapeworm cyst in the brain, it is requested that inspectors on the field force in the Western States make a record of such cases as may be brought to their attention, stating the number of cases, together with the size of the flock in which the disease is reported, the name of the owner, the location of the flock, the time of year at which losses occur, and the age of the animals affected.

Any data of this sort, or other information bearing on the subject of gid, forwarded to the Washington office, Division of Zoology, will be welcomed.

The disease in question is discussed in Bulletin 66 of this Bureau. Recent reports from the field indicate that gid is especially prevalent in some parts of Montana.

NEW FILING DEVICES.

It is the intention to supply all station and field offices (unless already supplied) with cabinets in which to file official correspondence, and it is expected that all correspondence files will be kept according to a uniform plan. Detailed instructions covering the subject are now in press, and the cabinets are being manufactured. It is hoped that all may be completed in time for delivery before July 1. The cabinets are being made in one-drawer, two-drawer, and four-drawer sizes. Other supplies will be packed inside of the cabinets, so that each outfit as shipped will consist of the following:

(a) An oak cabinet containing a cupboard space at the bottom and one, two, or four drawers above for the vertical filing of correspondence.

(b) An oak card tray for 5 by 8 inch index cards.

(c) A supply of large blank manila guides for the file drawers.

(d) A supply of large alphabetical manila guides for the file drawers.

(e) A supply of white index cards 5 by 8 inches.

(f) A supply of salmon index cards 5 by 8 inches.

(g) A supply of buff guides 5 by 8 inches.

Inspectors are directed to report to the Washington office immediately upon receipt of these goods. This report should cover specifically each item above mentioned and should indicate which cabinet is received and the number of cards and guides of each kind. It should also state the condition of the cabinet and supplies, and if any are damaged a description of their condition should be given.

ORDERS FOR SUPPLIES.

Routine supplies that are not received along with other supplies ordered at the same time should not be immediately reordered, as it frequently happens that an order can not be filled until a supply of the particular article is purchased, printed, or otherwise obtained. In such cases a record of the items lacking is made and the articles are forwarded as soon as a supply is available.

NOTES.

George C. Moser, live-stock agent of the Bureau, formerly on the force of Mr. Albert Dean, Kansas City, Kans., has been detailed to investigate stock yards and pens which are used for southern cattle unloaded en route and at destination outside of the quarantined area, and also to report upon the general subject of handling this class of shipments, in order to prevent the spread of infection.

Mr. E. L. Shaw, assistant professor of agriculture in the New Hampshire Agricultural College, has been appointed assistant in animal husbandry in this Bureau, and will have charge of the investigations of the Animal Husbandry Office on sheep and goats after July 1.

PUBLICATIONS DURING MAY.

Bulletin 98. Investigations in the Manufacture and Curing of Cheese. VII.—Directions for Making the Camembert Type of Cheese. By Theodore W. Issajeff. Pp. 21, figs. 10.

Bulletin 99. The Danger from Tubercle Bacilli in the Environment of Tuberculous Cattle. By E. C. Schroeder and W. E. Cotton. Pp. 24.

The investigations with which this article deals show that tuberculous cattle often pass feces heavily charged with tubercle bacilli. Test animals inoculated with such feces, or with milk soiled with the same, usually become affected with tuberculosis.

Bulletin 100. The Germicidal Value of Liquor Cresolis Compositus (U. S. P.). By C. N. McBryde. Pp. 24.

The experiments reported in this bulletin show that liquor cresolis compositus possesses a germicidal value which exceeds that of carbolic acid for the bacteria upon which it has been tested.

Circular 109. Quail Disease in the United States. (A Preliminary Report.) By Geo. Byron Morse. Pp. 11, figs. 3.

This circular reports the prevalence of a highly contagious and rapidly fatal disease among quail in the United States, and gives the results of pathological examinations of birds which died from the disease.

Circular 110. Methods of Eradicating Cattle Ticks. By Louis A. Klein. Pp. 16, figs. 3.

Gives the results obtained by different methods for the eradication of cattle ticks in experiments conducted in South Carolina.

Amendment 1 to B. A. I. Order 144. To Prevent the Spread of Splenetic Fever in Cattle. (Effective from May 15 to 25, 1907.)

EXECUTIVE ORDERS.

The attention of all employees of the Bureau is directed to the following extracts from orders issued by the President:

All officers and employees of the United States of every description, serving in or under any of the Executive Departments or independent Government establishments, and whether so serving in or out of Washington, are hereby forbidden, either directly or indirectly, individually or through associations, to solicit an increase of pay or to influence or attempt to influence in their own interest any other legislation whatever, either before Congress or its committees, or in any way save through the heads of the Departments or independent Government establishments in or under which they serve, on penalty of dismissal from the Government service.

No person in the Executive civil service shall use his official authority or influence for the purpose of interfering with an election or affecting the result thereof. Persons who, by the provisions of these rules, are in the competitive classified service, while retaining the right to vote as they please and to express privately their opinions on all political subjects, shall take no part in political management or in political campaigns.

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY.

[As a detailed organization list was published in "Service Announcements" for May, it is not considered necessary to show the Bureau organization in such detail this month. Changes will be found on pages 1-6 of this number. The general organization is given below.]

Chief: A. D. MELVIN.

Assistant Chief: A. M. FARRINGTON.

Chief Clerk: E. B. JONES.

Biochemic Division: MARION DORSET, chief; JAMES A. EMERY, assistant chief.

Dairy Division: EDWIN H. WEBSTER, chief; C. B. LANE, assistant chief.

Inspection Division: RICE P. STEDDOM, chief; MORRIS WOODEN, R. A. RAMSAY, and ALBERT E. BEHNKE, associate chiefs.

Pathological Division: JOHN R. MOHLER, chief; HENRY J. WASHBURN, assistant chief.

Quarantine Division: RICHARD W. HICKMAN, chief.

Division of Zoology: B. H. RANSOM, chief.

Experiment Station: E. C. SCHROEDER, superintendent; W. E. COTTON, assistant.

Animal Husbandman: GEORGE M. ROMMEL.

Editor: JAMES M. PICKENS.

Librarian: BEATRICE OBERLY ROGERS.

Office of Accounts: JAMES L. CHASE, in charge.

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